

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

April

2008

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

May 21, 2008

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Several storm systems tracked across the San Angelo hydrologic service area (HSA) during the month of April. Thunderstorms during the first half of the month brought scattered rainfall across portions of the Big Country, Northwest Hill Country and Heartland. The most notable events occurred during the last half of the month as thunderstorms produced isolated heavy rainfall amounts. By the end of the month, scattered areas across the Big Country received two to five inches of rain. Areas in the eastern Concho Valley, southern Heartland and Northwest Hill Country received two to six inches of rain.

The southwest portion of the HSA (southwest of a San Angelo to Junction line) received less than one inch of rain during the month. Much of Crockett County received less than half of an inch of rain.

The average precipitation reported from coop observers in April was 1.94 inches. The highest monthly precipitation total of 6.25 inches was reported in San Saba County. Coop observers in Callahan, Fisher, Jones, Mason, San Saba and Shackelford Counties received over 3.00 inches of precipitation in April.

The San Angelo Regional Airport received 0.62 of an inch of precipitation during April, which was 0.98 of an inch below normal for the month. The monthly normal rainfall for San Angelo in April is 1.60 inches.

The Abilene Regional Airport received 2.44 inches of precipitation during April, which was 0.77 of an inch above normal for the month. The monthly normal rainfall for Abilene in April is 1.67 inches.

Junction received 0.86 of an inch of rain during April. The estimated average monthly rainfall in April is about 1.75 to 2 inches.

Coop Observer Rainfall Totals for April, 2008:

Station Name	Amount (in)		Station Name	Amount (in)
Abilene 2	2.56		Merkel 12SW	1.48
Acton Ranch	0.55		Ozona	M
Albany	4.53		Ozona 22SE	0.15
Anson	3.45		Paint Rock	2.82
Ballinger 2NW	1.71		Putnam	3.17
Brady	2.96		Red Bluff Crossing	6.25
Brownwood	1.69		Richland Springs	1.60?
Burkett	1.29		Robert Lee	1.40
Coleman	0.98		Roscoe	1.53
Concho Park	2.28		Rotan	3.50
Eden	M		San Angelo WFO	0.66
Eldorado	0.48		San Saba 7NW	3.51
Eldorado 10W	0.35		Silver Valley	1.12
Eldorado 12N	M		Sonora	0.35
Fort Griffin	2.65		Stamford	2.69
Fort McKavett	M		Sterling City	1.27
Glen Cove 2NE	0.82		Taylor Ranch	4.37
Hamlin	M		Telegraph	M
Haskell	1.09		Throckmorton 7NE	1.65
Hords Creek	0.71		Water Valley	2.05
Humble Pump	0.42		Water Valley 11NE	1.64
Junction 4SSW	1.06		Winters	1.31
Lawn	1.72		Woodson	2.03
London 3N	1.19			
Mason	4.53		(M) <i>Missing data</i>	
Menard	1.49		(T) <i>Trace</i>	

Reservoir Conditions (end of April, 2008)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	68,870	98
Lake Stamford	52,700	46,170	90
Hubbard Creek Lake	317,800	318,070	100
Hords Creek Lake	8,800	6,950	86
Lake Brownwood	131,428	124,810	95
E.V. Spence	488,760	68,750	13
O.C. Fisher	119,200	9,720	8
O.H. Ivie	554,340	377,700	68
Twin Buttes	177,800	86,610	49

Hydro Products Issued

FFW = 2

FFS = 0

FLS = 5 (Urban/Small Stream Advisory)

ESF = 1 (Hydrologic Outlook – Drought Statement)

PNS = 1 (Drought Statement)